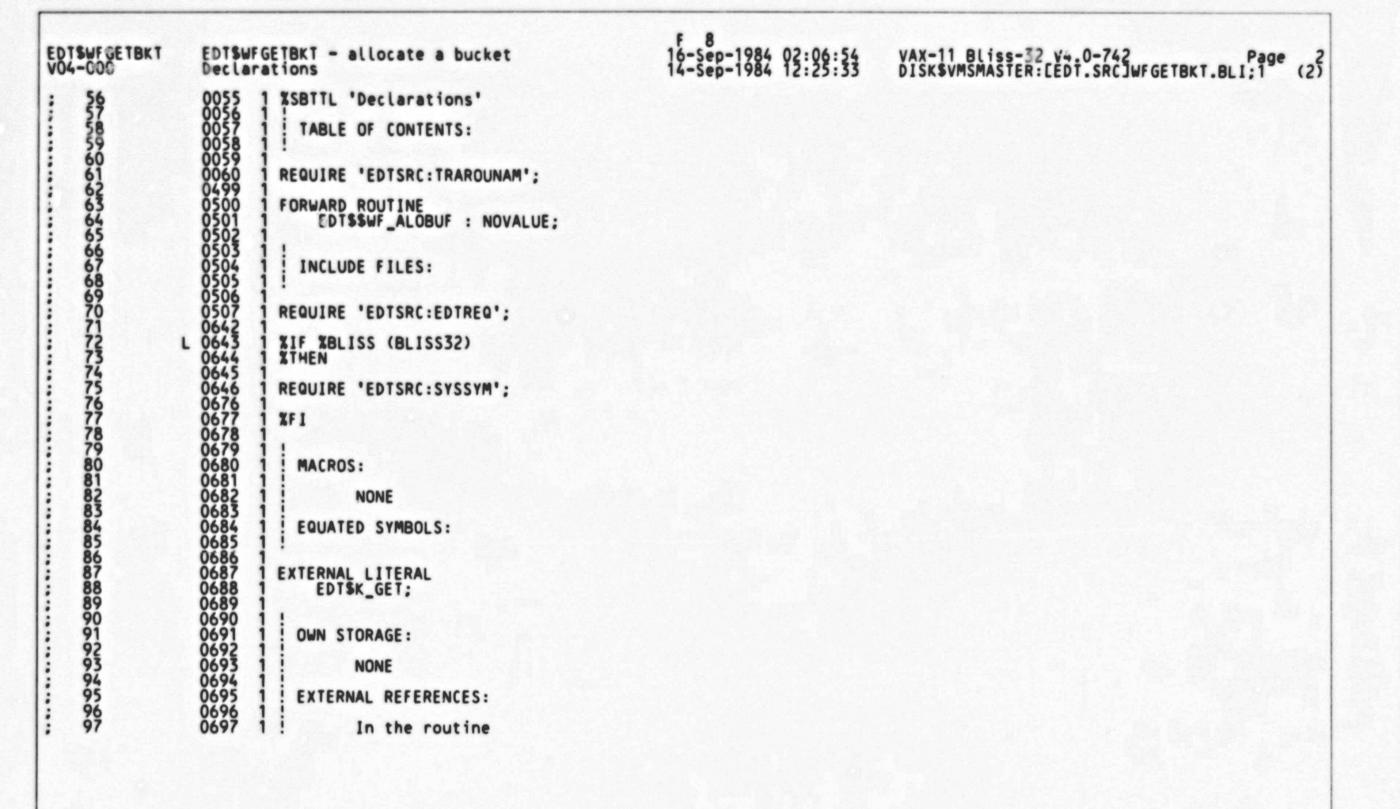
	DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD	
--	--	--

EX

FFFFFFFFF FF FF FF FF FF FF FF FF FF FF	GGGGGGGG GG GG GG GG GG GG GG GG GG GG		BBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB	KK
	\$			

EDT VO4



```
EDTSWFGETBKT
                      EDTSWFGETBKT - allocate a bucket
EDTSSWF_ALOBUF - allocate a bucket
                                                                                                                            VAX-11 Bliss-32 V4.0-742
DISK$VMSMASTER: [EDT.SRC]WFGETBKT.BLI; 1
                                 *SBTTL 'EDT$$WF_ALOBUF - allocate a bucket'
    100
101
102
103
104
105
106
107
108
109
                                 GLOBAL ROUTINE EDTSSWF_ALOBUF
                                                                                                     ! Allocate a bucket
                                       : NOVALUE =
                                    FUNCTIONAL DESCRIPTION:
                                             This routine allocates a new bucket from the work-file. If there is a bucket available on the deleted bucket list, use it, otherwise
                                             take the next higher numbered bucket.
                                    FORMAL PARAMETERS:
                                            NONE
                                    IMPLICIT INPUTS:
                                            EDT$$G_WK_GRTSTBUK
EDT$$A_WK_BUK
   11901234567890123456789011445456789012345
119012345678901234567890114455456789012345
                                    IMPLICIT OUTPUTS:
                                            EDT$$Z_WF_DESC
EDT$$G_WK_AVAIL
EDT$$G_WK_CURBUK
EDT$$G_WK_GRTSTBUK
                                    ROUTINE VALUE:
                                            NONE
                                    SIDE EFFECTS:
                                            If the work file overflows, never returns to its caller.
                                       BEGIN
                                 XIF XBLISS (BLISS16)
                   70000
                                       EXTERNAL ROUTINE
                                            EDTSSWF_EXT:
                                                                                                     ! extend the work file by placing a new bucket in the cache
                                 XF I
                                       EXTERNAL ROUTINE
                                            EDT$$FMT_MSG,
EDT$$FMT_CRLF,
EDT$$CAL[WIO,
                                                                                                       Put the text of a message in the format buffer
                                                                                                     ! Terminate the line being built in the format buffer
                                            EDT$$WF_MAKECUR : NOVALUE, EDT$$SYS_EXI;
                                                                                                     ! Leave EDT abruptly
                                             EDT$$Z_WF_DESC : BLOCK [, BYTE],
                                                                                                     ! descriptor for workfile record
```

```
EDTSWFGETBKT
                      EDTSWFGETBKT - allocate a bucket
EDTSSWF_ALOBUF - allocate a bucket
                                                                                          16-Sep-1984 02:06:54
14-Sep-1984 12:25:33
                                                                                                                            VAX-11 Bliss-32 V4.0-742 Page DISK$VMSMASTER: [EDT. SRC] WFGETBKT.BLI;1
                                             EDTSSG WK AVAIL,
EDTSSG WK CURBUK,
EDTSSG WK GRTSTBUK,
EDTSSA WK BUK :
                                                                                                        Pointer to next available deleted bucket
Number of the current bucket
Largest bucket number in use
   Pointer to current bucket
                                                  REF BEOCK EWF_BUKT_SIZE, BYTEJ FIELD (WFB_FIELDS);
                                       MESSAGES ((WRKFILOVF)):
                                       IF (.EDTSSG_WK_AVAIL NEQ 0)
                                            BEGIN
EDT$$WF MAKECUR (.EDT$$G WK AVAIL);
EDT$$G_BK_AVAIL = .EDT$$A_WR_BUK [WFB_NEXT_BUKT];
                                       ELSE
                                             BEGIN
                                   Check for overflow
                                             IF ((.EDT$$G_WK_GRTSTBUK EQL 0) OR (.EDT$$G_WK_GRTSTBUK GTRU 65535))
                                             THEN
                                                 BEGIN
EDT$$FMT_MSG (EDT$_WRKFILOVF);
EDT$$FMT_CRLF ();
EDT$$SYS_EXI (EDT$_WRKFILOVF);
                                    Inform the caching routines that we are creating a new bucket.
                                    On the 11's we have to bring another bucket into the cache specially
                     0788
0789
0790
0791
0792
0793
0794
0795
0796
                                 XIF XBLISS (BLISS32)
                                             EDT$$CALLWID (EDT$K_GET, .EDT$$G_WK_GRTSTBUK, EDT$$Z_WF_DESC);
                                 XELSE
                                             EDT$$WF_EXT (.EDT$$G_WK_GRTSTBUK, EDT$$A_WK_BUK);
EDT$$Z_WF_DESC [DSC$A_POINTER] = .EDT$$A_WK_BUK;
                                 XF I
                                             EDT$$A_WK_BUK = .EDT$$Z_WF_DESC [DSC$A_POINTER];
                                                                                                                            !get address of record
                      0798
0799
                                             EDT$$G_WK_CURBUK = .EDT$$G_WK_GRTSTBUK;
                      0800
0801
0802
0803
                                    And bump the largest bucket number.
                                             EDT$$G_WK_GRTSTBUK = .EDT$$G_WK_GRTSTBUK + 1;
                                             END:
                      0804
                                       END:
                                                                                                     ! End of routine EDT$$WF_ALOBUF
                                                                                                        .TITLE
                                                                                                                   EDT$WFGETBKT EDT$WFGETBKT - allocate a bucket
                                                                                                                   \V04-000\
                                                                                                        .EXTRN EDTSK_GET, EDTSSFMT_MSG
```

; R

EDTSWFGETBKT - allocat EDTSSWF_ALOBUF - allo	e a bucket cate a bucket	1 8 16-Sep-19 14-Sep-19			Page 5
			.EXTRN E.EXTRN	EDT\$\$FMT_CRLF, EDT\$\$CALLWIO EDT\$\$WF_MAKECUR EDT\$\$SYS_EXI, EDT\$\$Z_WF_DESC EDT\$\$G_WK_AVAIL EDT\$\$G_WK_CURBUK EDT\$\$G_WK_GRTSTBUK EDT\$\$A_WK_BUK, EDT\$_WRKFILOVF	
			.PSECT .	EDT\$CODE, NOWRT, SHR, PIC, 2	
	55 00000000G 54 00000000G 53 00000000G 52 00000000G	003C 00000 00 9E 00002 8F DO 00009 00 9E 00017 65 DO 0001E 11 13 00021 50 DD 00023 01 FB 00025 63 DO 0002C A0 3C 0002F 04 00033 62 DO 00034 18: 09 13 00037 50 D1 00039 19 1B 00040 54 DD 00042 28:	ENTRY E	EDT\$\$WF_ALOBUF, Save R2,R3,R4,R5 EDT\$\$G_WK_AVAIL, R5 WEDT\$_WRKFILOVF, R4 EDT\$\$A_WK_BUK, R3 EDT\$\$G_WK_GRT\$TBUK, R2 EDT\$\$G_WK_AVAIL, R0	0700
0000000G	00 50 65 02	50 DD 00023 01 FB 00025 63 DO 0002C A0 3C 0002F 04 00033	PUSHL F	RO W1, EDT\$\$WF_MAKECUR EDT\$\$A_WK_BUK, RO 2(RO), EDT\$\$G_WK_AVAIL	0766 0767
	50	62 DO 00034 1\$: 09 13 00037	MOVL E	EDT\$\$G_WK_GRTSTBUK, RO	0763 0775
0000FFFF	8F	50 D1 00039 19 1B 00040	CMPL F	2\$ RO. #65535	0776
00000000	00	50 D1 00039 19 1B 00040 54 DD 00042 2\$:	PUSHL F	3\$ R4	0779
0000000G	00	01 FB 00044 00 FB 0004B 54 DD 00052	CALLS A	W1, EDT\$\$FMT_MSG W0, EDT\$\$FMT_CRLF	0780
0000000G	000000006	01 FB 00054 00 9F 0005B 3\$:	PUSHL F CALLS A PUSHAB PUSHL F	R4 W1, EDT\$\$SYS_EXI EDT\$\$Z_WF_DESC EDT\$\$G_WK_GRTSTBUK WEDT\$K_GET W3, EDT\$\$CALLWIO EDT\$\$Z_WF_DESC+4, EDT\$\$A_WK_BUK EDT\$\$G_WK_GRTSTBUK, EDT\$\$G_WK_CURBUK EDT\$\$G_WK_GRTSTBUK	0781
0000000G	000000006 00 63 000000006	62 DD 00061 8F DD 00063 03 FB 00069 00 D0 00070 62 D0 00077	PUSHL A	WEDTSK GET W3, EDTSSCALLWIO	
0000000G	63 00000000G	8F DD 00063 03 FB 00069 00 D0 00070 62 D0 00077 62 D6 0007E 04 00080	MOVL E MOVL E INCL E RET	EDT\$\$Z_WF_DESC+4, EDT\$\$A_WK_BUK EDT\$\$G_WK_GRTSTBUK, EDT\$\$G_WK_CURBUK EDT\$\$G_WK_GRTSTBUK	0797 0798 0802 0805

; Routine Size: 129 bytes, Routine Base: _EDT\$CODE + 0000

: 207 0806 1 : 208 0807 1 !<BLF/PAGE>

EDTSWFGETBKT

16-Sep-1984 02:06:54 14-Sep-1984 12:25:33 EDTSWFGETBKT EDT\$WFGETBKT - allocate a bucket
EDT\$\$WF_ALOBUF - allocate a bucket VAX-11 Bliss-32 V4.0-742 Page 6
DISK\$VMSMASTER:[EDT.SRC]WFGETBKT.BLI;1 (4) ! End of module EDT\$WFGETBKT

PSECT SUMMARY

Name Bytes Attributes

_EDT\$CODE

129 NOVEC, NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC, ALIGN(2)

**

Library Statistics

File	Total	Symbols Loaded	Percent	Pages Mapped	Processing Time
_\$255\$DUA28:[EDT.SRC]EDT.L32;1 _\$255\$DUA28:[EDT.SRC]PSECTS.L32;1 _\$255\$DUA28:[SYSLIB]STARLET.L32;1	377 2 9776	7	50	40 7 581	00:00.2 00:00.1 00:04.0

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD, INITIAL, OPTIMIZE)/NOTRACEBACK/LIS=LISS:WFGETBKT/OBJ=OBJS:WFGETBKT MSRCS:WFGETBKT.BLI/UPDATE=(ENHS:WFGE TBKT)

129 code + 0 data bytes 00:16.9 00:30.6 Size:

Run Time:

Elapsed Time: Lines/CPU Min: ; Lines/CPU Min: 2872 ; Lexemes/CPU-Min: 7968 ; Memory Used: 85 pages ; Compilation Complete

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